

**DENR USE ONLY:**  Paper Report  Electronic Data - Email CD (data loaded: Yes / No)

Doc/Event #:

NC DENR  
Division of Waste Management - Solid Waste

**Environmental Monitoring  
Reporting Form**

**Notice:** This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

**Instructions:**

- Prepare one form for each individually monitored unit.
- Please type or print legibly.
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i)).
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

**Solid Waste Monitoring Data Submittal Information**

Name of entity submitting data (laboratory, consultant, facility owner):

Quible & Associates, P.C. on behalf of Currituck County / EDD delivered by Environment 1

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Steve Jones (Environment 1) Phone: 252.756.6208

E-mail: \_\_\_\_\_

2012

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Currituck County Landfill	216 Airport Road	27-01	.0500	12/08/2012

**Environmental Status: (Check all that apply)**

Initial/Background Monitoring  Detection Monitoring  Assessment Monitoring  Corrective Action

**Type of data submitted: (Check all that apply)**

Groundwater monitoring data from monitoring wells  Methane gas monitoring data  
 Groundwater monitoring data from private water supply wells  Corrective action data (specify) \_\_\_\_\_  
 Leachate monitoring data  Other(specify) \_\_\_\_\_  
 Surface water monitoring data

**Notification attached?**

- No. No groundwater or surface water standards were exceeded.  
 Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.  
 Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

**Certification**

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Warren D. Eadus

Agent

252.261.3300

Facility Representative Name (Print)

Title

(Area Code) Telephone Number

02/02/12

Affix No. Licensed Professional Geologist Seal

Signature

Date

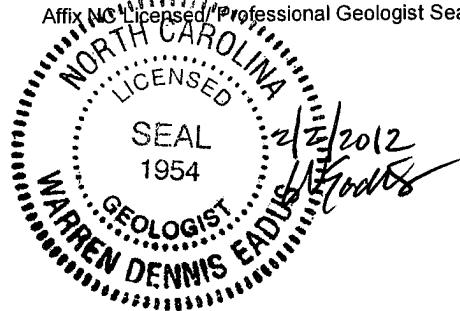
PO Drawer 870 Kitty Hawk, NC 27949

Facility Representative Address

PE Firm License #C0208/ PG Firm License #C468

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009



# Quible

Quible & Associates, P.C.

ENGINEERING • ENVIRONMENTAL SCIENCES • PLANNING • SURVEYING  
SINCE 1959

P.O. Drawer 870  
Kitty Hawk, NC 27949  
Phone: 252-261-3300  
Fax: 252-261-1260  
Web: quible.com

February 2, 2012

Donald Herndon  
NC DENR-Division of Waste Mgt-Solid Waste Section  
1646 Mail Service Center  
Raleigh, NC 27699-1646

Re: Environmental Reporting Form  
Currituck County MSW Landfill  
Permit #27-01

Mr. Herndon:

Please find enclosed an Environmental Monitoring Reporting Form and associated data and documentation related to the groundwater and surface water sampling activities conducted at the above referenced facility on December 8, 2011 by Environment 1, Incorporated (Environment 1). Quible & Associates, P.C. (Quible) was asked to review the laboratory analytical data and provide the appropriate technical assistance in fulfilling the Division of Waste Management Solid Waste Sections' (Division) reporting requirements.

Based on the groundwater analytical results reported in the December 8, 2011 laboratory analytical report, the concentrations of arsenic reported in the groundwater samples collected from Well #1 (14 µg/L) exceed the 2L GQS. Concentrations of arsenic reported in the groundwater samples collected from Well #6 (13 µg/L) exceed the 2L GQS.

Concentrations of barium reported in the groundwater samples collected from Well #8 (228 µg/L) exceed the SWSL.

Concentrations of benzene reported in the groundwater samples collected from Well #6 (2.0 µg/L) and Well #8 (1.9 µg/L) exceed the 2L GQS and the SWSL.

Please note, concentrations of Toluene (0.3 µg/L) and Total Xylenes (1.3 µg/L) that do not exceed either of the 2L GQS or the SWS Limits were detected in the groundwater samples collected and analyzed from Monitoring Well #8. In addition, concentrations of Xylenes (0.6 µg/L) that do not exceed either of the 2L GQS or the SWS Limits were detected in the groundwater samples collected and analyzed from Monitoring Well #6.

Concentrations of chlorobenzene reported in the groundwater samples collected from Well #2 (4.2 µg/L) and Well #8 (6.7 µg/L) exceed the SWSL.

Concentrations of vinyl chloride reported in the groundwater samples collected from Well #6 (0.90 µg/L) exceed the 2L GQS.

Based on the groundwater analytical results reported in the December 27, 2010 laboratory analytical report, no concentrations of any metals or volatile organic compounds were reported above the 2L GQS or the SWSL in the surface water sample collected.

A table summarizing the groundwater analytical data for groundwater and surface water samples with detectable concentrations of metals and volatile organic constituents from the last ten sampling events (five years) has been included with this submission. A copy of the most recent laboratory analytical report and a table entitled; *Table of Values Which Exceed Established Standards And/Or Exceed Reporting Levels*, submitted to Currituck County by Environment 1 have also been included.

Arsenic and barium are naturally occurring metals that are both readily found in measurable quantities in both groundwater and soils in the coastal plain of North Carolina. Conventional metals analysis (EPA Method 200.8) in groundwater requires acid preservation. The acid preservation dissolves sediments and otherwise insoluble metals suspended in the groundwater sample, potentially elevating the concentrations of dissolved metals in the samples. The turbidity of the samples at the time of preservation is not known, nor required to be known. Therefore, it is not clear if suspended sediments influence the metals concentrations reported in the groundwater samples.

A review of the last five years of groundwater and surface water sampling data indicates that concentrations of all metals analyzed are generally stable and the concentrations that have or currently do exceed the 2L GQS are likely or at least potentially naturally occurring. Analytical data will continue to be monitored and any future irregularities or sharp increases in reported metal concentrations will be considered and addressed, as each case may warrant.

Benzene, toluene and xylenes are typically associated with petroleum and/or petroleum based products. Concentrations of benzene that exceed the 2L GQS have been reported in the groundwater samples collected from Well# 5 and Well #6 over the last several years and within the last two years concentrations of benzene have risen slightly in Well #8 and now consistently exceed the 2L GQS.

The concentrations of chlorobenzene reported in the groundwater samples collected and analyzed from Well #2 (4.2 µg/L) have generally decreased over the last four years, but concentrations exceed the SWSL for this sampling event. Concentrations of chlorobenzene (6.7 µg/L) that exceed the SWSL but not the 2L GQS were reported in the groundwater samples collected and analyzed from Well# 8. Chlorobenzene is commonly used in the manufacture of pesticides, dyes and rubber and degrades only very slowly once dissolved in groundwater. Reported concentrations of chlorobenzene are relatively low and do not appear to pose a significant threat to human health or the environment.

There is continued migration of volatile organics occurring. However, concentrations are relatively low and none of the concentrations reported warrant additional assessment activities at this time as they do not currently seem to threaten any environmental receptors.

The next scheduled sampling event at the Currituck County Landfill is in June of 2012.

Please do not hesitate to contact the undersigned at 252.261.3300, if you have any questions or require any additional information in this matter.

Sincerely,

Quible & Associates, P.C.



Warren Eadus, P.G.

enc As stated  
pdf copy of all documentation

cc Brenda McQueen  
file

Summary of Groundwater and Surface Water Analytical Data-Metals  
Currituck County Landfill Permit #27-01

Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
Currituck County Landfill Permit #27-01												
Arsenic	12/7/2006	<b>17</b>	<7.0	<7.0	<7.0	<b>14</b>	<7.0	<7.0	<7.0			
	6/27/2007	<b>61</b>	6.6	4.7	<0.47	<b>3.8</b>	17	1.1	0.8	0.6		
	12/6/2007	<b>55</b>	5.9	5.5	1.7	<b>5.7</b>	36	3.1	2	<0.47		
	6/27/2008	<b>166</b>	5.1	5	0.7	<b>7</b>	24	2.8	24	0.9		
	12/10/2008	8.3	4.1	3.3	0.7	<b>4</b>	18	2.9	2.5	1		
	6/6/2009	<b>134</b>	4.2	4.4	0.7	<b>3.9</b>	<b>29</b>	4.1	1.6	0.6	50	10
	12/7/2009	<b>41</b>	3	4.2	0.2	<b>1.4</b>	<b>23</b>	7.4	2	<0.17		
	6/14/2010	<b>279</b>	4.3	<b>39</b>	0.5	2	<b>15</b>	4.7	2.1	0.8		
	12/21/2010	<b>32</b>	3.4	8	1.2	1.8	<b>21</b>	5.2	6.2	0.4		
	6/9/2011	<b>59</b>	4.4	8	0.39	1.1	<b>15</b>	3.8	2.5	0.85		
Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
Barium	12/7/2006	<60	<60	<60	<60	<b>71</b>	<60	<60	<60		69	
	6/27/2007	<b>38.2</b>	<b>121</b>	8.6	43.5	<b>159</b>	26	26.9	51	15.3		
	12/6/2007	.30.3	96.3	8.4	65.3	<b>172</b>	35.8	23.7	<b>162</b>	18.3		
	6/27/2008	52.3	<b>100</b>	9.2	48.4	<b>184</b>	29	20.8	<b>165</b>	14.7		
	12/10/2008	37.4	<b>125</b>	8.6	45.1	<b>116</b>	29.6	17.5	<b>226</b>	8		
	6/16/2009	48.4	<b>116</b>	10.5	42.8	<b>117</b>	26.4	32.9	<b>359</b>	7	700	100
	12/7/2009	60.3	73.6	11.3	34.4	58.7	22.8	17	<b>394</b>	15.7		
	6/14/2010	52.6	<b>135</b>	9.6	42.6	<b>98.5</b>	28.7	30.7	<b>286</b>	37		
	12/21/2010	45.1	<b>100</b>	8.1	57.7	63.5	22.8	24.2	<b>333</b>	12.9		
	6/9/2011	50.6	<b>109</b>	10	43.8	86.8	24.6	18.7	<b>493</b>	15.3		
Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
Cadmium	12/7/2006	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<b>2</b>			
	6/27/2007	0.3	0.2	<0.06	0.9	<0.06	<0.06	0.1	0.8	0.7		
	12/6/2007	0.1	0.2	0.1	1.2	0.1	0.2	0.2	0.8	<0.06		
	6/27/2008	0.2	0.2	0.1	0.3	0.1	<0.04	0.1	0.4	0.1		
	12/10/2008	0.3	0.2	<0.04	0.2	<0.04	0.1	0.4	0.3	0.1		
	6/16/2009	0.4	0.1	0.2	0.3	<0.04	0.1	0.5	0.6	0.1	1.8	1.0
	12/7/2009	0.3	0.2	0.1	0.2	<0.04	<0.04	0.1	0.6	<0.04		
	6/14/2010	0.2	0.1	0.1	0.4	<0.02	0.5	0.2	0.3	0.1		
	12/21/2010	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.8	0.1		
	6/9/2011	<b>1</b>	0.18	0.52	0.2	0.06	0.06	0.15	0.23	0.06		
Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>

Summary of Groundwater and Surface Water Analytical Data-Metals

Currituck County Landfill Permit #27-01										
Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond
Total Chromium	12/7/2006	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	
	6/27/2007	1.9	1.1	0.5	1.5	4.1	0.4	0.9	1.4	0.5
	12/6/2007	1	0.3	<0.24	1.5	4.3	<0.24	0.4	1.7	<0.24
	6/27/2008	1.7	0.5	<0.11	0.8	4.1	<0.11	0.2	1.6	<0.11
	12/10/2008	<0.11	1.3	<0.11	0.7	4.2	<0.11	<0.11	1.8	<0.11
	6/16/2009	2.5	0.7	<0.10	0.3	3.7	<0.10	0.4	2.2	<0.10
	12/7/2009	0.3	0.8	<0.10	0.3	2.4	<0.10	<0.10	1.1	<0.10
	6/14/2010	3.4	0.2	0.7	0.6	2.7	<0.03	0.4	1.3	<0.03
	12/11/2010	0.8	1.9	0.3	0.7	2.8	0.2	0.8	3.5	0.1
	6/9/2011	1.2	0.5	0.24	0.55	2.5	<0.04	0.72	2.2	0.1
Lead	12/8/2011	0.25	0.74	<0.04	0.36	1.9	<0.04	0.59	3.1	0.6
	Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Pond
			<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	8
			12/7/2006	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	
			6/27/2007	1.4	0.4	<0.07	1.4	<0.07	<0.07	1.2
			12/6/2007	1.1	2.8	0.3	2.2	0.3	0.2	1.3
			6/27/2008	2.8	0.6	0.2	1.8	0.1	0.1	0.6
			12/10/2008	0.4	0.7	0.1	3.3	0.1	<0.04	0.5
			6/16/2009	5	0.1	0.1	1.1	0.1	0.1	0.5
			12/7/2009	1.1	0.9	0.3	2	0.2	<0.04	0.1
Mercury	6/14/2010	5.6	0.1	0.3	1.5	<0.01	<0.01	0.1	0.1	0.2
	12/21/2010	1	0.9	0.2	2	0.3	0.1	0.2	1.4	0.1
	6/9/2011	1.3	0.21	0.25	1.4	0.11	0.06	0.12	0.26	0.18
	12/8/2011	0.4	0.32	0.21	0.97	0.21	0.08	0.18	0.16	0.47
	Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Pond
			12/7/2006	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
			6/27/2007	<0.04	<0.04	<0.04	<0.04	0.05	<0.04	<0.04
			12/6/2007	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
			6/27/2008	0.05	0.02	0.04	0.01	<0.01	0.03	<0.01
			12/10/2008	0.05	0.04	0.04	0.04	0.03	<0.01	0.02
	6/16/2009	<0.03	<0.03	0.07	<0.03	<0.03	0.07	<0.03	<0.03	1.05
	12/7/2009	0.04	<0.03	0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.03
	6/14/2010	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
	12/21/2010	<0.08	<0.08	<0.08	<0.08	0.17	<0.08	<0.08	<0.08	<0.08
	6/9/2011	<b>0.2</b>	<0.05	<0.05	<0.05	<0.05	0.09	<0.05	<0.05	<0.05
	12/8/2011	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	

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Summary of Groundwater and Surface Water Analytical Data-Metals  
Currituck County Landfill Permit #27-01

Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SW/SL <sup>3</sup>
Selenium	12/7/2006	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	6/27/2007	<0.35	1.7	0.5	0.5	5	0.6	1.1	0.6	0.6	<0.35	
	12/6/2007	0.4	3.7	0.6	4.8	11	0.9	4	3.6	3.6	<0.35	
	6/27/2008	1.7	5.3	1	0.6	18	2.5	2.4	5.2	5.2	0.5	
	12/10/2008	0.2	2.9	0.7	0.5	7.4	0.6	4.4	3.8	3.8	0.3	
	6/16/2009	1.2	3.6	0.9	0.4	8.1	1.6	3.2	3.4	3.4	0.2	
	12/7/2009	<0.12	2.6	0.7	0.2	3.5	1.5	0.9	4.3	4.3	<0.12	
	6/14/2010	1.5	2	1.5	<0.32	2.2	1.5	0.9	3.2	3.2	0.5	
	12/21/2010	<0.32	1.6	0.8	2.2	2.8	1.1	2.3	2.9	2.9	<0.32	
	6/9/2011	0.38	1.5	0.55	0.3	1.5	1.3	0.71	4.9	4.9	0.28	
Silver	12/8/2011	<0.20	0.94	<0.20	0.56	0.63	0.68	0.88	6.5	6.5	<0.20	
	12/7/2006	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0	<7.0
	6/27/2007	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	12/6/2007	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52	<0.52
	6/27/2008	0.1	<0.04	0.1	<0.04	0.1	<0.04	0.1	0.1	0.1	0.1	<0.04
	12/10/2008	<0.04	0.8	<0.04	<0.04	0.1	<0.04	0.1	0.1	0.1	0.1	
	6/16/2009	<0.04	<0.04	0.1	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
	12/7/2009	0.1	0.1	<0.04	0.1	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
	6/14/2010	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
	12/21/2010	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.02	<0.02	<0.02	
6/9/2011	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
	12/8/2011	<0.02	0.04	<0.02	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	<0.02	

Summary of Groundwater and Surface Water Analytical Data-Volatile Organics  
Currituck County Landfill #27-24

Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
Benzene	12/7/2006	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
	6/27/2007	<0.16	0.8	<0.16	1.0	1.8	0.8	<0.16	<0.16	<0.16	<0.16	<0.16
	12/6/2007	<0.16	0.4	<0.16	1.6	1.6	0.7	<0.16	0.9	<0.16	<0.16	1.0
	6/27/2008	<0.16	0.5	<0.16	1.5	0.7	<0.16	0.8	<0.16	<0.16	<0.16	<0.16
	12/10/2008	<0.16	0.6	<0.16	1.4	0.5	<0.16	0.7	<0.16	<0.16	<0.16	1.0
	6/16/2009	<0.16	0.7	<0.16	1.6	0.6	<0.16	0.7	<0.16	<0.16	<0.16	<0.16
	12/7/2009	<0.24	<0.24	<0.24	1.1	1.3	<0.24	0.8	<0.24	<0.24	<0.24	<0.24
	6/14/2010	<0.24	0.4	<0.24	0.24	0.9	1.8	<0.24	0.9	<0.24	<0.24	<0.24
	12/21/2010	<0.24	<0.24	<0.24	<0.24	<0.24	0.6	<0.24	1.4	<0.24	<0.24	<0.24
	6/9/2011	<0.24	<0.24	<0.24	<0.24	0.6	1.6	<0.24	1.2	<0.24	<0.24	<0.24
2-butanone	12/8/2011	<0.24	<0.24	<0.24	0.5	2.0	<0.24	1.9	<0.24	<0.24	<0.24	<0.24
	Sample ID	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
	12/7/2006	<50.00	<50.00	<50.00	<50.00	<50.00	<50.00	<50.00	<50.00	<50.00	<50.00	<50.00
	6/27/2007	1.5	1.4	2.2	2.1	2.1	1.8	5.3	2.1	2.1	2.1	2.8
	12/6/2007	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
	6/27/2008	1.5	2.3	1.5	1.6	4.4	1.4	2.2	2.6	2	2	2
	12/10/2008	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
	6/16/2009	6.9	5.4	5.8	6.6	7.9	2.6	3.6	5	10.6	4,000	2L GQS
	12/7/2009	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21
	6/14/2010	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21
Chlorobenzene	12/21/2010	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21
	6/9/2011	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21
	12/8/2011	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21	<2.21
	Sample ID	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
	12/7/2006	<3.00	<b>15.3</b>	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
	6/27/2007	<0.13	<b>34.9</b>	<0.13	<0.13	1	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
	12/6/2007	<0.13	<b>10.5</b>	<0.13	<0.13	1.4	0.2	<0.13	0.9	<0.13	<0.13	<0.13
	6/27/2008	<0.13	<b>6</b>	<0.13	<0.13	1.3	<0.13	<0.13	1	<0.13	<0.13	<0.13
	12/10/2008	<0.13	<b>5.7</b>	<0.13	<0.13	1	<0.13	<0.13	<b>1.4</b>	<0.13	<0.13	<0.13
	6/16/2009	<0.13	<b>5.3</b>	<0.13	<0.13	1.7	<0.13	0.3	0.8	<0.13	<0.13	<0.13
	12/7/2009	<0.30	<b>1.2</b>	<0.30	<0.30	1.1	<0.30	<0.30	0.8	<0.30	<0.30	<0.30
	6/14/2010	<0.30	<b>7.8</b>	<0.30	<0.30	0.6	<0.30	<0.30	<b>1.2</b>	<0.30	<0.30	<0.30
	12/21/2010	<0.30	<b>2.8</b>	<0.30	<0.30	0.4	<0.30	<0.30	<b>3.4</b>	<0.30	<0.30	<0.30
	6/9/2011	<0.30	<b>5</b>	<0.30	<0.30	0.6	<0.30	<0.30	<b>3.7</b>	<0.30	<0.30	<0.30
	12/8/2011	<0.30	<b>4.2</b>	<0.30	<0.30	<0.30	<0.30	0.6	0.3	<b>6.7</b>	<0.30	<0.30

Summary of Groundwater and Surface Water Analytical Data-Volatile Organics  
Currituck County Landfill #27-24

Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>	
1,4-dichlorobenzene	12/7/2006	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	
	6/27/2007	<0.21	0.4	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	
	12/6/2007	<0.21	0.3	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	0.3	<0.21	<0.21	
	6/27/2008	<0.21	0.3	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	0.3	<0.21	<0.21	
	12/10/2008	<0.21	0.3	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	0.3	<0.21	<0.21	
	6/16/2009	<0.21	0.4	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	
	12/7/2009	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	
	6/14/2010	<0.39	0.5	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	
	12/21/2010	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	0.8	<0.39	<0.39	
	6/9/2011	<0.39	0.4	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	0.7	<0.39	<0.39	
Vinyl chloride	12/8/2011	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	1	<0.39	<0.39	
	Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
	12/7/2006	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	
	6/27/2007	<0.34	<0.34	<0.34	<0.34	<b>0.604</b>	<b>0.5</b>	<0.34	<0.34	<0.34	<0.34	<0.34	
	12/6/2007	<0.34	<0.34	<0.34	<0.34	<b>0.9</b>	<b>&lt;0.34</b>	<0.34	<0.34	<0.34	<0.34	<0.34	
	6/27/2008	<0.34	<0.34	<0.34	<0.34	<b>1.1</b>	<b>&lt;0.4</b>	<0.34	<0.34	<0.34	<0.34	<0.34	
	12/10/2008	<0.34	<0.34	<0.34	<0.34	<b>0.4</b>	<b>&lt;0.34</b>	<0.34	<0.34	<0.34	<0.34	<0.34	
	6/16/2009	<0.34	<0.34	<0.34	<0.34	<b>&lt;0.34</b>	<b>&lt;0.34</b>	<0.34	<0.34	<0.34	<0.34	<0.34	
	12/7/2009	<0.63	<0.63	<0.63	<0.63	<0.63	<b>0.9</b>	<0.63	<0.63	<0.63	<0.63	<0.63	
	6/14/2010	<0.77	<0.77	<0.77	<0.77	<0.77	<b>1.1</b>	<0.77	<0.77	<0.77	<0.77	<0.77	
	12/21/2010	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	
	6/9/2011	<0.63	<0.63	<0.63	<0.63	<0.63	<b>0.9</b>	<0.63	<0.63	<0.63	<0.63	<0.63	
Acetone	12/8/2011	<0.63	<0.63	<0.63	<0.63	<0.63	<b>0.9</b>	<0.63	<0.63	<0.63	<0.63	<0.63	
	Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
	12/7/2006	<50.00	<50.00	<50.00	<50.00	<50.00	<50.00	<50.00	<50.00	<50.00	<50.00	<50.00	
	6/27/2007	<1.21	<1.21	1.7	1.4	1.7	<1.21	3.2	1.5	2.4			
	12/6/2007	<1.21	<1.21	<1.21	<1.21	1.3	<1.21	<1.21	<1.21	<1.21	<1.21		
	6/27/2008	2.4	3.8	3	2.6	7.5	2.5	3.4	4.4	3.8			
	12/10/2008	<1.21	<1.21	<1.21	<1.21	<1.21	<1.21	<1.21	<1.21	<1.21	<1.21		
	6/16/2009	3.2	3	3.6	3.4	4	1.5	2.2	3.1	5.6			
	12/7/2009	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06		
	6/14/2010	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06		
	12/21/2010	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06		
	6/9/2011	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06		
	12/8/2011	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06	<9.06		

Summary of Groundwater and Surface Water Analytical Data-Volatile Organics  
Currituck County Landfill #27-24

Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
1,1-dichloroethane	12/7/2006	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
	6/27/2007	<0.16	<0.16	<0.16	<0.16	0.2	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
	12/6/2007	<0.16	<0.16	<0.16	<0.16	0.4	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
	6/27/2008	<0.16	<0.16	<0.16	<0.16	0.2	<0.16	<0.16	<0.16	0.2	<0.16	<0.16
	12/10/2008	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	1.1	<0.16	<0.16
	6/16/2009	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	0.4	<0.16	<0.16
	12/7/2009	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
	6/14/2010	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
	12/21/2010	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.4	<0.20	<0.20
	6/9/2011	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.7	<0.20	<0.20
Chloroethane	12/8/2011	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.4	<0.20	<0.20
	Sample ID	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
	12/7/2006	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
	6/27/2007	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
	12/6/2007	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	0.4	<0.29	<0.29
	6/27/2008	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
	12/10/2008	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	3.8	<0.29	<0.29
	6/16/2009	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	0.8	<0.29	<0.29
	12/7/2009	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	1.1	<0.48	<0.48
	6/14/2010	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.8	<0.48	<0.48
	12/21/2010	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.9	<0.48	<0.48
Cis-1,2 Dichloroethene	6/9/2011	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.9	<0.48	<0.48
	12/8/2011	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.70	<0.48	<0.48
	Sample ID	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
	12/7/2006	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00
	6/27/2007	<0.14	<0.14	<0.14	<0.14	0.2	0.8	<0.14	<0.14	<0.14	<0.14	<0.14
	12/6/2007	<0.14	<0.14	<0.14	<0.14	0.2	0.3	<0.14	<0.14	<0.14	<0.14	<0.14
	6/27/2008	<0.14	<0.14	<0.14	<0.14	0.2	0.8	<0.14	<0.14	<0.14	<0.14	<0.14
	12/10/2008	<0.14	<0.14	<0.14	<0.14	<0.14	0.2	<0.14	<0.14	<0.14	<0.14	<0.14
	6/16/2009	<0.14	<0.14	<0.14	<0.14	<0.14	0.5	<0.14	<0.14	<0.14	<0.14	<0.14
	12/7/2009	<0.25	<0.25	<0.25	<0.25	<0.25	0.8	<0.25	<0.25	<0.25	<0.25	<0.25
Cis-1,2 Dichloroethene	6/14/2010	<0.25	<0.25	<0.25	<0.25	<0.25	0.7	<0.25	<0.25	<0.25	<0.25	<0.25
	12/21/2010	<0.25	<0.25	<0.25	<0.25	<0.25	0.7	<0.25	<0.25	<0.25	<0.25	<0.25
	6/9/2011	<0.25	<0.25	<0.25	<0.25	<0.25	0.6	<0.25	<0.25	<0.25	<0.25	<0.25
	12/8/2011	<0.25	<0.25	<0.25	<0.25	<0.25	0.6	<0.25	<0.25	<0.25	<0.25	<0.25
										70	70	5

Summary of Groundwater and Surface Water Analytical Data-Volatile Organics  
Currituck County Landfill #27-24

Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
Toluene	12/8/2011	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	0.3	<0.23	600	600	1
Sample ID	Date	Well #1	Well #2	Well #3	Well #4	Well #5	Well #6	Well #7	Well #8	Pond	2L GQS <sup>2</sup>	SWSL <sup>3</sup>
Xylenes	12/8/2011	<0.25	<0.25	<0.25	<0.25	0.6	<0.25	<0.25	<0.25	500	500	5

Notes:

- 1 Groundwater and surface water samples collected by Environment 1, Incorporated on behalf of Currituck County.  
Laboratory Analytical Reports provided by Currituck County. All results reported in µg/L.
- 2 NC DENR Division of Water Quality Title 15A NCAC 2L .0202 Groundwater Quality Standards effective January 1, 2010.
- 3 NC DENR Division of Waste Management Solid Waste Section Limit.
- 4 Concentrations in bold type meet or exceed either of the current 2L GQS or SWSL.

**Table of Values Which Exceed Established Standards  
And/Or Exceed Reporting Levels**

Facility Name: CORRIGAN COUNTY LANDFILL

Permit #: 2701

Lab ID# 6028

\*\* Note: NC 2L STD = NC 2L Ground Water Standard

NC GWP STD = NC Solid Waste Groundwater Protection Standard

NC 2B SWS = NC 2B Surface Water Standard

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# Environment 1, Incorporated

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GREENVILLE, N.C. 27835-7085

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ID#: 6028

CURRITUCK COUNTY LANDFILL  
ATTN: BRENDA/FRANK BRAY  
PUBLIC WORKS DEPARTMENT  
153 COURTHOUSE RD SUITE 302  
CURRITUCK , NC 27929

DATE COLLECTED: 12/08/11  
DATE REPORTED : 12/27/11

REVIEWED BY: 

PARAMETERS	MDL	SWSL	Well #1	Well #2	Well #3	Well #4	Well #5	Analysis Date	Analyst	Method Code
pH (field measurement), Units			4.6	6.2	6.0	4.8	6.2	12/08/11	RJH	SM4500HB
Arsenic, ug/l	0.10	10.0	14	3.4 J	5.6 J	0.43 J	0.54 J	12/14/11	CMP	EPA200.8
Barium, ug/l	0.02	100.0	45.0 J	77.3 J	7.0 J	73.6 J	46.3 J	12/14/11	CMP	EPA200.8
Cadmium, ug/l	0.02	1.0	0.06 J	0.19 J	0.07 J	0.19 J	0.22 J	12/14/11	CMP	EPA200.8
Total Chromium, ug/l	0.04	10.0	0.25 J	0.74 J	--- U	0.36 J	1.9 J	12/14/11	CMP	EPA200.8
Lead, ug/l	0.02	10.0	0.40 J	0.32 J	0.21 J	0.97 J	0.21 J	12/14/11	CMP	EPA200.8
Mercury, ug/l	0.05	0.20	--- U	12/14/11	CMP	EPA200.8				
Selenium, ug/l	0.20	10.0	--- U	0.94 J	--- U	0.56 J	0.63 J	12/14/11	CMP	EPA200.8
Silver, ug/l	0.02	10.0	--- U	0.04 J	--- U	--- U	0.04 J	12/14/11	CMP	EPA200.8
Conductivity (at 25c), umhos/cm	1.0	1.0	147	685	184	623	473	12/08/11	RJH	SM2510B
Temperature, °C				18	18	20	20	12/08/11	RJH	SM2550B
Static Water Level, feet				5.30	3.43	4.58	9.28	7.47	12/08/11	RJH
Well Depth, feet				21.15	18.63	21.34	23.60	20.34	12/08/11	RJH

J = Between MDL and SWSL, U = Below All Quantitation Limits.

13

# Environment 1, Incorporated

Wastewater ID: 10

P.O. BOX 7085, 114 OAKMONT DRIVE  
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208  
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ID#: 6028

CURRITUCK COUNTY LANDFILL  
ATTN: BRENDA/FRANK BRAY  
PUBLIC WORKS DEPARTMENT  
153 COURTHOUSE RD SUITE 302  
CURRITUCK , NC 27929

DATE COLLECTED: 12/08/11  
DATE REPORTED : 12/27/11

REVIEWED BY: 

PARAMETERS	MDL	SWBL #6	Well	Well	Well	Pond	Analysis Date	Analyst	Method Code
			#6	#7	#8				
pH (field measurement), Units			5.4	6.3	6.4	7.0	12/08/11	RJH	SM4500B
Arsenic, ug/l	0.10	10.0	13	8 J	3.3 J	0.40 J	12/14/11	CMP	EPA200.8
Barium, ug/l	0.02	100.0	23.1 J	20.1 J	226	13.4 J	12/14/11	CMP	EPA200.8
Cadmium, ug/l	0.02	1.0	--- U	0.06 J	0.18 J	--- U	12/14/11	CMP	EPA200.8
Total Chromium, ug/l	0.04	10.0	--- U	0.59 J	3.1 J	0.60 J	12/14/11	CMP	EPA200.8
Lead, ug/l	0.02	10.0	0.08 J	0.18 J	0.16 J	0.47 J	12/14/11	CMP	EPA200.8
Mercury, ug/l	0.05	0.20	--- U	--- U	--- U	--- U	12/14/11	CMP	EPA200.8
Selenium, ug/l	0.20	10.0	0.58 J	0.88 J	6.5 J	--- U	12/14/11	CMP	EPA200.8
Silver, ug/l	0.02	10.0	--- U	--- U	--- U	--- U	12/14/11	CMP	EPA200.8
Conductivity (at 25c), umhos/cm	1.0	1.0	241	571	2020	124	12/08/11	RJH	SM2510B
Temperature, °C			20	20	18	17	12/08/11	RJH	SM2550B
Static Water Level, feet			4.51	6.56	3.91		12/08/11	RJH	
Well Depth, feet			20.92	20.40	20.88		12/08/11	RJH	

J = Between MDL and SWBL, U = Below All Quantitation Limits.

MH

# Environment 1, Incorporated

P.O. BOX 7085, 114 OAKMONT DRIVE  
GREENVILLE, N.C. 27835-7085

PHONE (252) 756-6208  
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CLIENT: CURRITUCK COUNTY LANDFILL  
ATTN: BRENDA/FRANK BRAY  
PUBLIC WORKS DEPARTMENT  
153 COURTHOUSE RD SUITE 302  
CURRITUCK, NC 27929

CLIENT ID: 6028

ANALYST: MAO  
DATE COLLECTED: 12/08/11 Page: 1  
DATE REPORTED: 12/27/11

REVIEWED BY:

## VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed		12/12/11	12/19/11	12/19/11	12/19/11	12/12/11
	MDL	SWL	Well #1	Well #2	Well #3	Well #4	Well #5
1. Chloromethane	0.77	1.0	---	U	---	U	---
2. Vinyl Chloride	0.63	1.0	---	U	---	U	---
3. Bromomethane	0.67	10.0	---	U	---	U	---
4. Chloroethane	0.48	10.0	---	U	---	U	---
5. Trichlorofluoromethane	0.24	1.0	---	U	---	U	---
6. 1,1-Dichloroethene	0.17	5.0	---	U	---	U	---
7. Acetone	9.06	100.0	---	U	---	U	---
8. Iodomethane	0.26	10.0	---	U	---	U	---
9. Carbon Disulfide	0.23	100.0	---	U	---	U	---
10. Methylene Chloride	0.64	1.0	---	U	---	U	---
11. trans-1,2-Dichloroethene	0.23	5.0	---	U	---	U	---
12. 1,1-Dichloroethane	0.20	5.0	---	U	---	U	---
13. Vinyl Acetate	0.20	50.0	---	U	---	U	---
14. Cis-1,2-Dichloroethene	0.25	5.0	---	U	---	U	---
15. 2-Butanone	2.21	100.0	---	U	---	U	---
16. Bromochloromethane	0.27	3.0	---	U	---	U	---
17. Chloroform	0.25	5.0	---	U	---	U	---
18. 1,1,1-Trichloroethane	0.19	1.0	---	U	---	U	---
19. Carbon Tetrachloride	0.22	1.0	---	U	---	U	---
20. Benzene	0.24	1.0	---	U	---	U	0.50 J
21. 1,2-Dichloroethane	0.27	1.0	---	U	---	U	---
22. Trichloroethene	0.23	1.0	---	U	---	U	---
23. 1,2-Dichloropropane	0.21	1.0	---	U	---	U	---
24. Bromodichloromethane	0.21	1.0	---	U	---	U	---
25. Cis-1,3-Dichloropropene	0.24	1.0	---	U	---	U	---
26. 4-Methyl-2-Pentanone	1.19	100.0	---	U	---	U	---
27. Toluene	0.23	1.0	---	U	---	U	---
28. trans-1,3-Dichloropropene	0.28	1.0	---	U	---	U	---
29. 1,1,2-Trichloroethane	0.25	1.0	---	U	---	U	---
30. Tetrachloroethene	0.17	3.0	---	U	---	U	---
31. 2-Hexanone	1.57	50.0	---	U	---	U	---
32. Dibromochloromethane	0.24	3.0	---	U	---	U	---
33. 1,2-Dibromoethane	0.26	1.0	---	U	---	U	---
34. Chlorobenzene	0.30	3.0	---	U	4.20	U	0.60 J
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	---	U	---	U	---
36. Ethylbenzene	0.21	1.0	---	U	---	U	---
37. Xylenes	0.68	5.0	---	U	---	U	---
38. Dibromomethane	0.28	10.0	---	U	---	U	---
39. Styrene	0.19	1.0	---	U	---	U	---
40. Bromoform	0.20	3.0	---	U	---	U	---
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	---	U	---	U	---
42. 1,2,3-Trichloropropene	0.43	1.0	---	U	---	U	---
43. 1,4-Dichlorobenzene	0.39	1.0	---	U	---	U	---
44. 1,2-Dichlorobenzene	0.32	5.0	---	U	---	U	---
45. 1,2-Dibromo-3-Chloropropene	0.34	13.0	---	U	---	U	---
46. Acrylonitrile	2.72	200.0	---	U	---	U	---
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	---	U	---	U	---

J = Between MDL and SWL, U = Below AGL Quantitation Limit.

# Environment 1, Incorporated

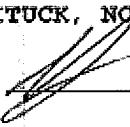
Environmental Testing Laboratory  
Nestlewater ID: 10

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## VOLATILE ORGANICS EPA METHOD 8260B

PARAMETERS, ug/l	Date Analyzed:		12/19/11	12/19/11	12/19/11	12/19/11
	MDL	SWSL	Well #6	Well #7	Well #8	Bond
1. Chloromethane	0.77	1.0	--- U	--- U	--- U	--- U
2. Vinyl Chloride	0.63	1.0	0.90 J	--- U	--- U	--- U
3. Bromomethane	0.87	10.0	--- U	--- U	--- U	--- U
4. Chloroethane	0.48	10.0	--- U	--- U	0.70 J	--- U
5. Trichlorofluoromethane	0.24	1.0	--- U	--- U	--- U	--- U
6. 1,1-Dichloroethene	0.17	5.0	--- U	--- U	--- U	--- U
7. Acetone	9.06	100.0	--- U	--- U	--- U	--- U
8. Iodomethane	0.26	10.0	--- U	--- U	--- U	--- U
9. Carbon Disulfide	0.23	100.0	--- U	--- U	--- U	--- U
10. Methylene Chloride	0.64	1.0	--- U	--- U	--- U	--- U
11. trans-1,2-Dichloroethene	0.23	5.0	--- U	--- U	--- U	--- U
12. 1,1-Dichloroethane	0.20	5.0	--- U	--- U	0.40 J	--- U
13. Vinyl Acetate	0.20	50.0	--- U	--- U	--- U	--- U
14. Cis-1,2-Dichloroethene	0.25	5.0	0.60 J	--- U	--- U	--- U
15. 2-Butanone	2.21	100.0	--- U	--- U	--- U	--- U
16. Bromochloromethane	0.27	3.0	--- U	--- U	--- U	--- U
17. Chlороform	0.25	5.0	--- U	--- U	--- U	--- U
18. 1,1,1-Trichloroethane	0.19	1.0	--- U	--- U	--- U	--- U
19. Carbon Tetrachloride	0.22	1.0	--- U	--- U	--- U	--- U
20. Benzene	0.24	1.0	2.00	--- U	1.90	--- U
21. 1,2-Dichloroethane	0.27	1.0	--- U	--- U	--- U	--- U
22. Trichloroethene	0.29	1.0	--- U	--- U	--- U	--- U
23. 1,2-Dichloropropane	0.21	1.0	--- U	--- U	--- U	--- U
24. Bromodichloromethane	0.21	1.0	--- U	--- U	--- U	--- U
25. Cis-1,3-Dichloropropene	0.24	1.0	--- U	--- U	--- U	--- U
26. 4-Methyl-2-Pentanone	1.19	100.0	--- U	--- U	--- U	--- U
27. Toluene	0.23	1.0	--- U	--- U	0.30 J	--- U
28. trans-1,3-Dichloropropene	0.28	1.0	--- U	--- U	--- U	--- U
29. 1,1,2-Trichloroethane	0.25	1.0	--- U	--- U	--- U	--- U
30. Tetrachloroethene	0.17	1.0	--- U	--- U	--- U	--- U
31. 2-Hexanone	1.57	50.0	--- U	--- U	--- U	--- U
32. Dibromochloromethane	0.24	3.0	--- U	--- U	--- U	--- U
33. 1,2-Dibromoethane	0.26	1.0	--- U	--- U	--- U	--- U
34. Chlorobenzene	0.30	3.0	--- U	0.30 J	6.70	--- U
35. 1,1,1,2-Tetrachloroethane	0.22	5.0	--- U	--- U	--- U	--- U
36. Ethylbenzene	0.21	1.0	--- U	--- U	--- U	--- U
37. Xylenes	0.68	5.0	0.70 J	--- U	1.30 J	--- U
38. Dibromomethane	0.28	10.0	--- U	--- U	--- U	--- U
39. Styrene	0.19	1.0	--- U	--- U	--- U	--- U
40. Bromoform	0.20	3.0	--- U	--- U	--- U	--- U
41. 1,1,2,2-Tetrachloroethane	0.26	3.0	--- U	--- U	--- U	--- U
42. 1,2,3-Trichloropropane	0.43	1.0	--- U	--- U	--- U	--- U
43. 1,4-Dichlorobenzene	0.39	1.0	--- U	--- U	--- U	--- U
44. 1,2-Dichlorobenzene	0.32	5.0	--- U	--- U	--- U	--- U
45. 1,2-Dibromo-3-Chloropropane	0.34	13.0	--- U	--- U	--- U	--- U
46. Acrylonitrile	2.72	200.0	--- U	--- U	--- U	--- U
47. trans-1,4-Dichloro-2-Butene	0.42	100.0	--- U	--- U	--- U	--- U

J = Between MDL and SWSL, U = Below All Quantitation Limits.

